

## PB05001F

Commercial Grade

**Product description:**

PB05001F is bioplastic compound which designed for general purpose packaging film applications with the well balance of processability, mechanical properties and seal ability. Applications are suitable for disposable bags, shopping bags, T-shirt bags and general purpose bags.

**Typical properties:**

Properties	Unit	Method	Value
<b><u>Physical and thermal properties</u></b>			
MFR @ 190°C; 2.16kg	g/10 min	ASTM D1238	5
Density	g/cm <sup>3</sup>	ASTM D792	1.26
<b><u>Mechanical properties</u></b>			
Tensile strength*	MPa	ASTM D882	25 (MD) 20 (TD)
Elongation at break*	%	ASTM D882	170 (MD) 350 (TD)
Dart impact*	g	ASTM D1709	450

**Remark;**

\* Film sample 35 micron; BUR = 3 (For mechanical testing)

\*\* Tensile testing speed = 500 mm/min

\*\*\* MD = Machine direction

\*\*\*\* TD = Transverse direction

Note: Properties reported here are typical values of the product, not to be considered as specifications.

Solution Creation makes no representations as to the accuracy or completeness of the information contained herein.

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